PRODUCT DATA SHEET

Sikalite® NG

Integral Waterproofing Admixture for Mortar and Concrete.

DESCRIPTION

Sikalite® NG is a ready to use powdered waterproofing admixture for cement / sand mortars and concrete. Suitable for use in hot and tropical climatic conditions.

USES

Sikalite® NG is used to provide waterproof structural concrete or cement/sand mortars, screeds and renders for walls, facades, floor toppings and jointing mortars.

FEATURES

Sikalite® NG contains pore sealing and water-repelling substances which provide the following beneficial properties:
▪ Reduction in permeability
▪ Increased durablity

PRODUCT INFORMATION

Packaging	Sikalite® is sold in plastic bags of 500g and 1kg.
Appearance and colour	Powder / Off white colour
Shelf life	12 Months from the date of production in original, unopened container.
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +45 °C. Always refer to pack
Mortar mix design	**Suggested mix proportions**

Building Mortar	Weight
Sikalite®	1kg
Cement	50kg
Building Sand	250kg
External Plaster	**Weight**
Sikalite®	1kg
Cement	50kg
Plaster Sand	250k
Floor Screed	**Weight**
Sikalite®	1kg

Cement	50kg	
River Sand	200kg	
Recommended dosage	1kg per 50 kg of Portland cement i.e. 2% by weight of cement.	

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

IMPORTANT CONSIDERATIONS Overdosing can cause retardation of set. The quality and waterproofness of the cement mortar mixes may be affected by one or more of the following:
▪ Poor quality sand
▪ Poorly graded sand
▪Excessive dust in the sand
▪ Excess water
▪ Excess cement
▪ Lack of adequate curing
We recommend you consult with Sika technical staff to provide you with the correct information regarding sand types and grading.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

MIXING

Sikalite ® NG is added to the dry mix of Portland cement and sand prior to the addition of the gauging water. Dry component should be mixed thoroughly before water is added to ensure a proper distribution of the Sikalite® throughout the mix.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and in particular the recommendation, relating to the application and end-use of sika product, are given in good faith, based on Sika current knowledge and experience of the products, when properly stored, handled and applied under normal condition in accordance with Sika's recommendation. In pracvtice the differences in materials, substrate and actual site conditions no warranty in respect of merchantability or of fitness for particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information or any written recommendation, or from any other ad-vice offered. The user of the product must test the product suitability for intended application and purpose. Sika reserve the right to change the properties of its product. The proprietary of third parties must be observed. All orders are accepted subject to our current terms of sales and delivery. Users must always refers to the most recent issue of the local product Data Sheet for the product concerned, copies of which will be supplied on request.

PRODUCT DATA SHEET
Sikalite® NG
November 2024, Version 01.03
020705040010000065

BUILDING TRUST

2 / 3

SIKA MANUFACTURING NIGERIA LIMITED
10,Western Industrial Avenue, Isheri
Riverview Estate
Lagos - Ibadan Expressway, Ogun State
NIGERIA
Web: nga.sika.com

SikaliteNG-en-NG-(11-2024)-1-3.pdf

PRODUCT DATA SHEET
Sikalite® NG
November 2024, Version 01.03
020705040010000065

BUILDING TRUST